



Association of American
State Geologists

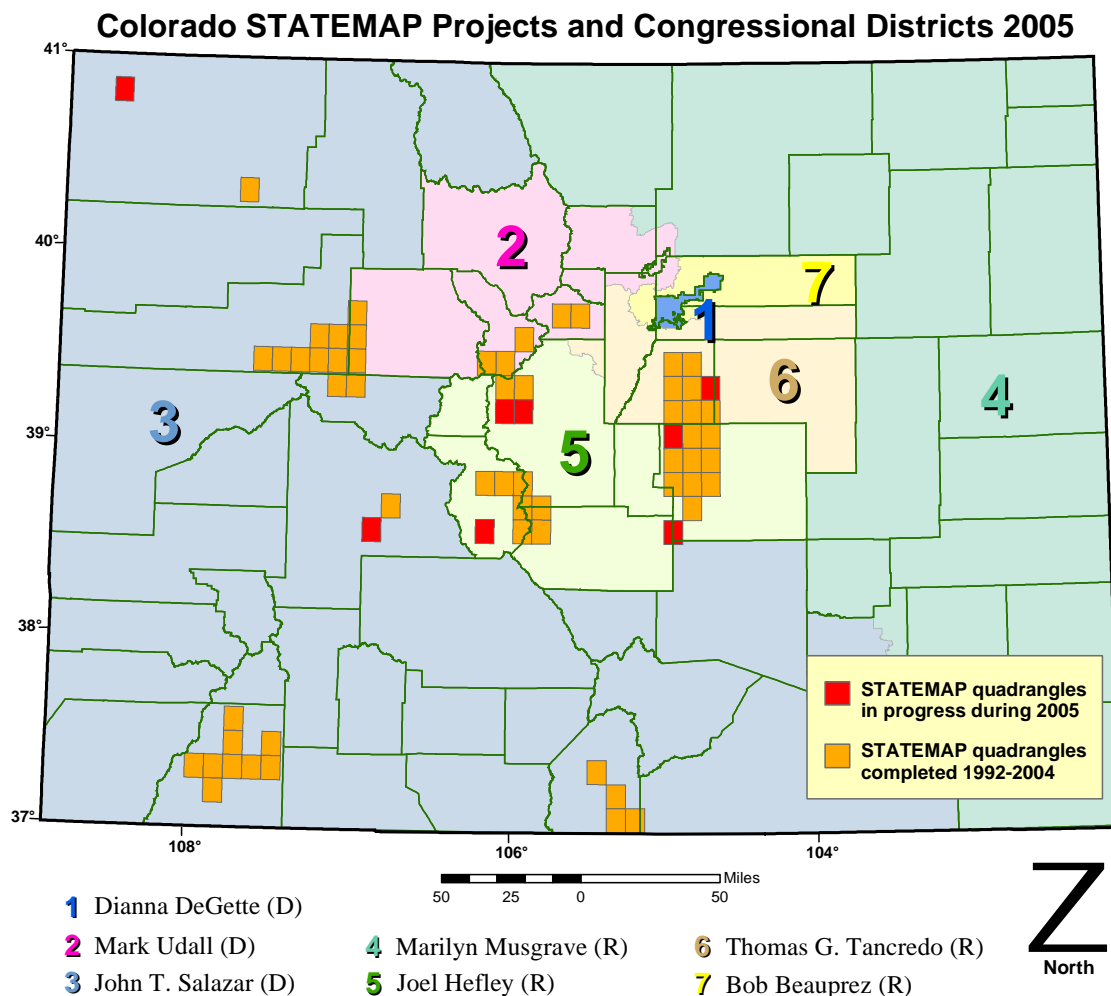


United States
Geological Survey



National Cooperative Geologic Mapping Program

STATEMAP Component: States compete for federal matching funds for geologic mapping



Contact Information

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SUMMARY OF STATEMAP GEOLOGIC MAPPING PROGRAM IN COLORADO

Federal Fiscal Year	7.5-Minute Geologic Quadrangles Mapped	# of quads	Federal Funds Awarded	State Match	Total \$
1993	Glenwood Springs	1	\$10,000	\$10,000	\$20,000
1994	Shoshone	1	\$35,000	\$35,000	\$70,000
1995	Cattle Creek, Center Mountain	2	\$25,000	\$25,000	\$50,000
1996	Carbondale, Cottonwood Pass, Dotsero	3	\$85,897	\$85,897	\$171,794
1997	Axial, Basalt, Leon, Ludwig Mtn., Rules Hill, Salida East	6	\$82,457	\$82,457	\$164,914
1998	Cameron Mtn., Durango East, Durango West, Hunter Mesa, Mt. Sopris	5	\$118,337	\$118,337	\$236,674
1999	Colorado Springs, Gribbles Park, Idaho Springs, Jack Hall Mtn.	3	\$100,518	\$100,518	\$201,036
2000	Basin Mountain, Castle Rock Gulch, Georgetown, Gibson Gulch, Pikeview	5	\$120,446	\$120,446	\$240,892
2001	Breckenridge, Cheyenne Mountain, Elsmere, Ft. Garland SW, Hermosa, Keystone, Monument	7	\$228,641	\$228,641	\$457,282
2002	Black Forest, Copper Mtn., Electra Lake, Falcon NW, Greenland, Manitou Springs, Taylor Ranch	8	\$253,986	\$270,980	\$524,966
2003	Alma, Buena Vista East, Castle Rock South, Cherry Valley School, Dawson Butte, La Valley, Vallecito Res.	7	\$224,724	\$233,079	\$457,803
2004	Almont, Buena Vista West, Castle Rock North, Como, Culebra, Larkspur, Sedalia	7	\$195,684	\$195,684	\$391,368
2005	Fairplay East, Fairplay West, Gunnison, Maysville, Mt. Pittsburg, Palmer Lake, Russellville	7	\$178,535	\$178,535	\$357,070
Totals:		62	\$1,659,225	\$1,684,574	\$3,343,799

STATEMAP over the past ten years has helped support detailed mapping of bedrock and surficial deposits in twelve counties (Costilla, Clear Creek, Douglas, Eagle, El Paso, Garfield, Summit, Chaffee, Park, Moffat, La Plata, and Pitkin). This new geologic map information is regularly incorporated into decision-making on a wide variety of local and countywide issues that include protecting ground water, locating new municipal wells, siting waste-disposal facilities, identifying potential aggregate resources, and addressing a broad spectrum of land-use concerns. The results of Colorado's STATEMAP program are used by planners and decision makers at the state, county, and municipal levels of government.

Recently, two of the STATEMAP products have been used in Douglas County (fastest growing County in the nation) by geohydrologists to integrate the surface geology with the subsurface data in order to better understand the architecture of the strata that control the groundwater in Douglas County. This is an area where water levels in wells are dropping at thirty feet per year.